

TITLE

**MICROBEAD IMMOBILIZATION OF ENZYMES**

ABSTRACT

5 Hydrocolloid gel beads containing enzymes immobilized therein are useful for catalyzing organic transformations in non-aqueous media. The enzyme is imbibed into a dehydrated hydrocolloid polymer gel bead. The resulting enzyme-laden bead may be dehydrated, if desired. A preferred hydrocolloid is carrageenan, especially kappa carrageenan. The resulting hydrocolloid gel beads are particularly adapted for catalyzing asymmetric transformations.

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